09/368,670

Application No.:

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- [x] 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- [ ] 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- [ ] 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- [ ] 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked –up "Raw Sequence Listing."
- [ ] 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- [ ] 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- [ ] 7. Other:

Applicant Must Provide:

- [x] An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- [x] An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- [x] A statement that the content of the paper and computer readable copies are the same and, where applicable include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216 or (703) 308-2923
- For CRF Submission Help, call (703) 308-4212
- For PatentIn software Program Support:
  - HELP DESK: (703) 739-8559, ext 508, M-F, 8 AM to 5 PM EST except holidays
  - Email: PATIN21HELP@uspto.gov
  - To purchase PatentIn sofftware: (703) 306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

1653

RAW SEQUENCE LISTING DATE: 06/21/2001
PATENT APPLICATION: US/09/368,670 TIME: 12:32:20

Input Set : A:\ES.txt
Output Set: N:\CRF3\06212001\I368670.raw

Does Not Comply
Corrected Diskette Needed

RECEIVED
JUL 11 2001
TECH CENTER 1600/2900

4 <110> APPLICANT: Boehringer Ingelheim (Canada) Ltd.
6 <120> TITLE OF INVENTION: Hepatitis C Inhibitor Peptides
9 <130> FILE REFERENCE: 13/063-2-C2
11 <140> CURRENT APPLICATION NUMBER: 09/368,670
12 <141> CURRENT FILING DATE: 1999-08-05
14 <150> PRIOR APPLICATION NUMBER: 60/095,945
15 <151> PRIOR FILING DATE: 1998-08-10
17 <150> PRIOR APPLICATION NUMBER: 60/055,186
18 <151> PRIOR FILING DATE: 1997-08-11
20 <150> PRIOR APPLICATION NUMBER: 09/131,758
21 <151> PRIOR FILING DATE: 1998-08-10
E--> 23 **<160> NUMBER OF SEQ ID NOS: 54** 53 (see below)
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

1029 <210> SEQ ID NO: 53
1030 <211> LENGTH: 6
1031 <212> TYPE: PRT
1032 <213> ORGANISM: Hepatitis C
1034 <220> FEATURE:
1035 <221> NAME/KEY: VARIANT
1036 <222> LOCATION: 5
1037 <223> OTHER INFORMATION: Xaa=derivatized Hyp
1039 <221> NAME/KEY: VARIANT
1040 <222> LOCATION: 6
1041 <223> OTHER INFORMATION: Xaa=Nva
1043 <221> NAME/KEY: VARIANT
1044 <222> LOCATION: 1
1045 <223> OTHER INFORMATION: Asp is acetylated
1047 <400> SEQUENCE: 53
W--> 1048 **Asp Asp Ile Val Xaa Xaa**
1049 1 5
E--> 1051 1
E--> 1053 16

last sequence in file

delete at end of file

(see next page for more errors)

<400> 30
Asp Asp Ile Val Pro Xaa
1 5

<221> VARIANT
<222> 6
<223> Xaa=Acca

<221> VARIANT
<222> 1
<223> Asp is acetylated

What is this? Please delete - It's duplicated below

<210> 31
<211> 6
<212> PRT
<213> Hepatitis C
<220> <-- insert <2207 whenever <2217, <2227 or <2237 is shown
<221> VARIANT
<222> 6
<223> Xaa=Acca

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 31
Asp Asp Ile Val Pro Xaa
1 5

FYI

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY DATE: 06/21/2001
PATENT APPLICATION: US/09/368,670 TIME: 12:32:21

Input Set : A:\ES.txt
Output Set: N:\CRF3\06212001\I368670.raw

L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:468 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:550 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:31
L:550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:634 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:1002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1051 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:53
M:332 Repeated in SeqNo=53
L:23 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (54) Counted (53)